Table 1 : Primers sequences used in PCR experiments

Gene name	Gene product	Forward primer 5' >3'	Reverse Primer 5' >3'	predicted size (bp)
SCN1A	$Na_v1.1$	TTCATGGCTTCCAATCCTTC	TAGCCCCACCTTTGATTTTG	178
SCN2A	$Na_v1.2$	GCCAGCTTATCAATCCCAAA	TCTTCTGCAATGCGTTGTTC	192
SCN3A	$Na_v1.3$	CAAAGGGAAGATCTGGTGGA	AAAGGCCAATGCACCACTAC	115
SCN4A	$Na_v1.4$	TCAACAACCCCTACCTGACC	ACGGACGAGTTCCCATCATA	148
SCN5A	$Na_v1.5$	CACGCGTTCACTTTCCTTC	CATCAGCCAGCTTCTTCACA	208
SCN8A	$Na_v1.6$	CGCCTTATGACCCAGGACTA	GTGCCTCTTCCTGTTGCTTC	247
SCN9A	$Na_v1.7$	GGCTCCTTGTTTTCTGCAAG	TGGCTTGGCTGATGTTACTG	196
SCN10A	$Na_v1.8$	ACCTGGTGGTGCTTAACCTG	TGCTGAAGAAGCTGCAAAGA	168
SCN11A	$Na_v1.9$	CTGTGGTCCTGGTCATTGTG	TGCATTCGCTTCTTGCATAC	233
SCN1B	β1	GAAAACTACGAGCACAACACCA	GGCAGTATTGCTTTACCCATCA	510
SCN2B	β2	TGACCCACTCTCTTCCATCC	GGTCCTCTCTGAAGCCACTG	216
SCN3B	β3	TCAACGTCACTCTGAACGACTC	CATGTCACACTGCTCCTGTTCT	346
SCN4B	β4	ACAGCAGTGACGCATTCAAG	CACATGGCAGGTGTATTTGC	188

Table 1: Primers used for the determination of voltage-gated sodium channels mRNA expressed in human lung cell lines and predicted sizes of the amplified fragments.

Table 2 : Membrane potentials of the normal and cancerous lung cell lines studied

	Normal cells		*Cancer cells*			
	NL-20	*BEAS-2B*	*A549*	*H23*	*H460*	*Calu-1*
Membrane Potential	-28.6 ± 1.9	-34.9 ± 2.6	-34.1 ± 2.0	-29.2 ± 1.7	-33.5 ± 1.8	-31.9 ± 1.1
Number of cells studied	n=11	n= 9	n=11	n=14	n=25	n=18

Table 2: Cell membrane potentials of normal cells and NSCLC. Values are the mean ± SEM, expressed in mV, of n measurements.